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1 [TETRA radio performance evaluated via the software package TETP](#)

[Armando Annunziato](#), [Davide Sorbara](#)

 March 2000 **Mobile Networks and Applications**, Volume 5 Issue 1

Publisher: Kluwer Academic Publishers

 Full text available: [Pdf](#) (429.08 KB)

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TETRA (TErrestrial Trunked RAdio) is a digital mobile radio standard for satisfying the growing request of applications and facilities coming from The system has been ...

2 [Experimental validation of a tuning algorithm for high-speed filters](#)

[G. Matarrese](#), [C. Marzocca](#), [F. Corsi](#), [S. D'Amico](#), [A. Baschiroto](#)

 April 2007 **DATE '07**: Proceedings of the conference on Design, automa

Publisher: EDA Consortium

 Full text available: [Pdf](#) (503.61 KB)

 Additional Information: [full citation](#), [abst](#)
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We report here the results of some laboratory experiments performed to the self tuning of integrated continuous-time, high-speed active filters. application of a pseudo-random ...

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3 [Software cultivation using the artificial intelligence design framework](#)

[Varadraj Gurupur](#), [Urcun J Tanik](#)

 March 2006 **ACM-SE 44**: Proceedings of the 44th annual Southeast region

Publisher: ACM [Request Permissions](#)

 Full text available: [Pdf](#) (132.50 KB)

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Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 123, Downl

All along the history of software engineering, traditional software develc intensive process. This is perhaps because we are still in the preliminary where the software has ...

4 [Orthographic Errors in Web Pages: Toward Cleaner Web Corpora](#)

[Christoph Ringlstetter](#), [Klaus U. Schulz](#), [Stoyan Mihov](#)

 September 2006 **Computational Linguistics**, Volume 32 Issue 3

Publisher: MIT Press

 Full text available: [Pdf](#) (987.55 KB)

 Additional Information: [full citation](#), [abst](#)

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Since the Web by far represents the largest public repository of natural methods, and tools in the area of corpus linguistics often use the Web a accuracy is crucial, the problem ...

5 [Logarithmic perspective shadow maps](#)

 [D. Brandon Lloyd, Naga K. Govindaraju, Cory Quammen, Steven E. Molnar](#)
October 2008 **Transactions on Graphics (TOG)**, Volume 27 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (23.37 MB)

Additional Information: [full citation](#), [abst](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 295, Downl

We present a novel shadow map parameterization to reduce perspective directional light sources. We derive the aliasing error equations for both Using these equations we ...

Keywords: Shadow maps, antialiasing

6 [GPGPU: general purpose computation on graphics hardware](#)

 [David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, la](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (63.03 MB)

Additional Information: [full citation](#), [abst](#)


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The graphics processor (GPU) on today's commodity video cards has ev processor. The latest graphics architectures provide tremendous memor with fully programmable vertex ...

7 [Automatically patching errors in deployed software](#)

 [Jeff H. Perkins, Sunghun Kim, Sam Larsen, Saman Amarasinghe, Jonathan Frank Sherwood, Stelios Sidiroglou, Greg Sullivan, Weng-Fai Wong, Yoav Z](#)
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We present ClearView, a system for automatically patching errors in dep Windows x86 binaries without any need for source code, debugging info without human intervention. ...

Keywords: self healing

8 [Debugging in the \(very\) large: ten years of implementation and expe](#)

 [Kirk Glerum, Kinshuman Kinshumann, Steve Greenberg, Gabriel Aul, Vince Gretchen Loihle, Galen Hunt](#)
October 2009 **SOSP '09: Proceedings of the ACM SIGOPS 22nd symposium**

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Full text available:  Pdf (467.20 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 33, Downloads (24 Months): 33

Windows Error Reporting (WER) is a distributed system that automates an installed base of a billion machines. WER has collected billions of error data automatically ...

Keywords: blue screen of death, bucketing, classifying, error reports, debugging.

9 [Collision detection and proximity queries](#)

 [Sunil Hadap](#), [Dave Eberle](#), [Pascal Volino](#), [Ming C. Lin](#), [Stephane Redon](#), [Chris August](#) 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (11.22 MB)

Additional Information: [full citation](#), [abstract](#)


Bibliometrics: Downloads (6 Weeks): 76, Downloads (12 Months): 565, Downloads (24 Months): 565

This course will primarily cover widely accepted and proved methodology advanced or recent topics such as continuous collision detection, ADFs, introduced. When appropriate ...

10 [Performance OpenGL: platform independent techniques](#)

 [Bob Kuehne](#), [Tom Trus](#), [Alan Commike](#), [Dave Shreiner](#) 2005 **SIGGRAPH '05: SIGGRAPH 2005 Courses**

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Full text available:  Pdf (3.76 MB)

Additional Information: [full citation](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 158, Downloads (24 Months): 158

11 [Fast and flexible application-level networking on exokernel systems](#)

 [Gregory R. Ganger](#), [Dawson R. Engler](#), [M. Frans Kaashoek](#), [Hector M. Brice](#) 2002 **Transactions on Computer Systems (TOCS)**, Volume 20 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (500.67 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 69, Downloads (24 Months): 69



Application-level networking is a promising software organization for important network services. The Xok/ExOS exokernel system includes a services, while at ...

Keywords: Extensible systems, OS structure, fast servers, network services

12 [Exploiting perception in high-fidelity virtual environments](#)

 **Additional presentations from the 24th course are available on 1** [Mashhuda Glenross](#), [Alan G. Chalmers](#), [Ming C. Lin](#), [Miguel A. Otaduy](#), [Diego](#) 2006 **SIGGRAPH '06: SIGGRAPH 2006 Courses**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Mov](#) (68:6 MIN),  [Pdf](#) (5.07 MB) Additional Information: [full citation](#), [cited by](#), [ir](#)

Bibliometrics: Downloads (6 Weeks): 164, Downloads (12 Months): 1391, Downloads (24 Months): 1391

The objective of this course is to provide an introduction to the issues of high-fidelity 3D engaging shared virtual environments. The principles of human factors of algorithms and techniques ...

Keywords: collaborative environments, haptics, high-fidelity rendering, networked applications, perception, virtual reality

13 [STAR: self-tuning aggregation for scalable monitoring](#)

[Navendu Jain](#), [Dmitry Kit](#), [Prince Mahajan](#), [Praveen Yalagandula](#), [Mike Dahlin](#)
September 2007 **VLDB '07: Proceedings of the 33rd international conference on very large data bases**
Publisher: VLDB Endowment

Full text available:  [Pdf](#) (520.35 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 58, Downloads (24 Months): 58

We present **STAR**, a self-tuning algorithm that adaptively sets numeric thresholds to efficiently answer continuous aggregate queries over distributed data streams. It is essential for both robustness and performance ...

14 [Fast detection of communication patterns in distributed executions](#)


[Thomas Kunz](#), [Michiel F. H. Seuren](#)
November 1997 **CASCON '97: Proceedings of the 1997 conference of the Canadian Society for Computational Science and Research**
Publisher: IBM Press

Full text available:  [Pdf](#) (4.21 MB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 363, Downloads (24 Months): 363

Understanding distributed applications is a tedious and difficult task. Visualizations are often used to obtain a better understanding of the execution of the application. In this paper, we present Poet, an event-driven visualization tool ...

15 [Client-server computing in mobile environments](#)

 [Jin Jing](#), [Abdelsalam Sumi Helal](#), [Ahmed Elmagarmid](#)
June 1999 **Computing Surveys (CSUR)**, Volume 31 Issue 2

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (233.31 KB) Additional Information: [full citation](#), [abstract](#)


Bibliometrics: Downloads (6 Weeks): 95, Downloads (12 Months): 679, Downloads (24 Months): 679

Recent advances in wireless data networking and portable information appliances have led to the emergence of a new paradigm of computing, called mobile computing, in which users carrying portable devices can access services and resources ...



Keywords: application adaptation, cache invalidation, caching, client/server, operation, mobile applications, mobile client/server, mobile computing, mobile system application

The effect of registration error on tracking distant augmented objects

Mark A. Livingston, Zhuming Ai

September 2008 **ISMAR '08: Proceedings of the 7th IEEE/ACM International Symposium on Mixed and Augmented Reality****Publisher:** IEEE Computer SocietyFull text available:  Pdf (14.95 MB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 6, Download

We conducted a user study of the effect of registration error on performing reality. Categorizing error by types that are often used as specifications of the ability of users ...

17 Performance OpenGL: platform independent techniques and Tom True, Brad Grantham, Bob Kuehne, Dave ShreinerAugust 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes****Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (1.03 MB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 75, Download


The OpenGL Application Programming Interface (API) is the most widely used graphics interface available to programmers today. Such broad support presents challenges in maximizing ...

18 An Error Bound Based on a Worst Likely Assignment

Eric Bax, Augusto Callejas

June 2008 **The Journal of Machine Learning Research**, Volume 9**Publisher:** MIT PressFull text available:  Pdf (235.09 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 16, Download

This paper introduces a new PAC transductive error bound for classification training examples and inputs of working examples to develop a set of likely examples. A likely assignment ...

19 Edgecomputing: extending enterprise applications to the edge of the A. Davis, J. Parikh, W. E. WeihlMay 2004 **WWW Ait. '04: Proceedings of the 13th international World Wide Web conference on Web**
papers & posters**Publisher:** ACMFull text available:  Pdf (224.06 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 79, Download

Content delivery networks have evolved beyond traditional distributed computing. EdgeComputing it is now possible to deploy and run enterprise business computing platform, to provide ...

Keywords: Internet applications, N-tier applications, Web services, distributed computing, split-tier applications, utility computing, web applications

Bandwidth-constrained queries in sensor networks

Antonios Deligiannakis, Yannis Kotidis, Nick Roussopoulos

May 2008

The VLDB Journal — The International Journal on Very

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (423.56 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 66, Downloads (All Time): 111

Sensor networks consist of battery-powered wireless devices that are recharged over time. Thus, reducing energy drain is of utmost importance when designing sensor networks. Aggregate ...

Keywords: In-network aggregation, Sensor networks

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